

REMARKS

In response to the restriction requirement set forth in the communication, Applicant elects to prosecute Group II, Claims 5-7 and 11. Note that Applicant intends to request rejoinder of the method claims of Groups III and IV, upon indication of allowable subject matter for the Group II claims.

In response to the election of species requirement, Applicants elect DNA as the specific polynucleotide. Regarding the polyacetal structure, Applicants elect Structure I, where X is $-\text{CH}_2\text{CH}_2\text{OCH}_2\text{CH}_2-$ and the peptide is GLP-(1-6)-H) (SEQ ID NO: 8). Regarding the type of cells, Applicants elect NT2 cells. Claims 5-6 and 11 read upon the elected species.

This election is made with traverse. Regarding the requirement for election of a single polynucleotide by SEQ ID NO, it is believed that this election requirement is not applied to elected group II, claims 5-7 and 11. Applicants note further that none of the sequences in the sequence listing are polynucleotides.

Furthermore, the invention is directed to transfection of polynucleotides and cells generally and is not limited to the transfection of a particular polynucleotide. The claimed polyacetal-peptide transfection agent is not specific to any particular polynucleotide or cell type. The complex of claim 5 relates to a transfection agent with general utility for any polynucleotide and any cell type.

Co-Pending Applications of Assignee

Applicant wishes to draw to the Examiner's attention to the following co-pending applications of the present application's assignee (Entry in **BOLD** is the present application).

Serial Number	Title	Filed
10/341,059	SOLID SURFACE FOR BIOMOLECULE DELIVERY AND HIGH-THROUGHPUT ASSAY	13-Jan-2003
10/789,589	COMPOSITIONS AND METHODS FOR BIODEGRADABLE POLYMER-PEPTIDE MEDIATED TRANSFECTION	27-Feb-2004
10/800,934	METHODS FOR EXTENDING AMORPHOUS PHOTOREFRACTIVE MATERIAL LIFETIMES	15-Mar-2004
10/876,322	REVERSE SYNTHETIC METHODS FOR MAKING ORGANIC NON-LINEAR OPTICAL MATERIALS	24-Jun-2004
10/884,530	PHOTOCLEAVABLE DNA TRANSFER AGENT	02-Jul-2004

10/946,383	BIODEGRADABLE POLYACETALS FOR IN VIVO POLYNUCLEOTIDE DELIVERY	21-Sep-2004
10/954,756	IMAGE CORRECTION DEVICE	30-Sep-2004
10/980,079	MICROSCOPE SYSTEM AND METHODS FOR INTRACELLULAR STUDIES	03-Nov-2004
11/126,878	BIODEGRADABLE POLYACETALS AND METHODS	10-May-2005
11/134,820	HYDROPHILIC POLYMERS WITH PENDANT FUNCTIONAL GROUPS AND METHOD THEREOF	19-May-2005
11/216,986	BIODEGRADABLE CATIONIC POLYMERS	31-Aug-2005
11/219,145	TRANSEPITHELIAL DELIVERY OF PEPTIDES WITH INCRETIN HORMONE ACTIVITIES	02-Sep-2005
11/251,956	INTRACELLULAR PEPTIDE DELIVERY	17-Oct-2005
11/255,735	(METH)ACRYLATE POLYMER AND NON-LINEAR OPTICAL DEVICE MATERIAL COMPOSITION	21-Oct-2005
11/286,243	VECTOR FOR TRANSFECTION OF EUKARYOTIC CELLS	23-Nov-2005
11/303,082	SOLID SURFACE WITH IMMOBILIZED DEGRADABLE CATIONIC POLYMER FOR TRANSFECTING EUKARYOTIC CELLS	14-Dec-2005
11/359,811	POLYMER COATING OF CELLS	22-Feb-2006
11/360,161	PHOTOREFRACTIVE COMPOSITION	23-Feb-2006
11/364,596	CONTROLLABLY DEGRADABLE POLYMERIC BIOMOLECULE OR DRUG CARRIER AND METHOD OF SYNTHESIZING SAID CARRIER	27-Feb-2006
11/525,482	PEPTIDE NUCLEIC ACID BASED GUANIDINIUM COMPOUNDS	21-Sep-2006
11/525,512	MULTI-VALENT GUANIDINIUM COMPOUNDS FOR ENHANCING MOLECULAR TRANSLOCATION ACROSS CELLULAR MEMBRANES AND EPITHELIAL TISSUES	21-Sep-2006
11/526,224	GUANIDINIUM DELIVERY CARRIERS	22-Sep-2006
11/526,927	SOLID SURFACE FOR BIOMOLECULE DELIVERY AND HIGH-THROUGHPUT ASSAY	26-Sep-2006
11/527,134	SOLID SURFACE FOR BIOMOLECULE DELIVERY AND HIGH-THROUGHPUT ASSAY	26-Sep-2006
11/566,141	POLYGLUTAMATE-AMINO ACID CONJUGATES AND METHODS	01-Dec-2006
11/613,895	METHOD FOR PRODUCING CARBON NANOTUBES, METHOD FOR PRODUCING LIQUID DISPERSION THEREOF AND OPTICAL PRODUCT	20-Dec-2006

11/615,831	TRANSPARENT ELECTRICALLY-CONDUCTIVE HARD-COATED SUBSTRATE AND METHOD FOR PRODUCING THE SAME	22-Dec-2006
11/695,365	BIODEGRADABLE CATIONIC POLYMERS	02-Apr-2007
11/747,624	LIGHT EMITTING DEVICES AND COMPOSITIONS	11-May-2007
11/781,508	NON-LINEAR OPTICAL DEVICE WITH LONG GRATING PERSISTENCY	23-Jul-2007
11/781,633	NON-LINEAR OPTICAL DEVICE SENSITIVE TO GREEN LASER	23-Jul-2007

Conclusion

Should there be any questions concerning this application, the Examiner is invited to contact the undersigned agent at the telephone number appearing below. Please charge any additional fees, including any fees for additional extension of time, or credit overpayment to Deposit Account No. 11-1410.

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